

BACHELOR OF SCIENCE IN MICROPROCESSOR INSTRUMENTATION AND TECHNOLOGY

FIRST YEAR COURSES

CODE	COURSE UNIT	SEMESTER
	COMMON COURSES	
CCS 001	Communication Skills	1
CCS 009	Elements of Economics	2
CCS 010	HIV/AIDS	2
	PHYSICS	
SPH 101	Mechanics I	1
SPH 102	Electricity and Magnetism I	2
SPH 103	Waves and Optics	2
	COMPUTING	
SPM 100	Computing laboratory I (R)	1
SPM 101	Computing laboratory II (R)	2
	MATHEMATICS	
SMA 101	Basic Mathematics	1
SMA 103	Calculus I	1
SMA 104	Calculus II	2
SMA 105	Geometry I	1
SMA 108	Discrete Mathematics I	2
SMA 140	Introduction to Probability and Statistics	2

BACHELOR OF SCIENCE IN ASTROPHYSICS AND SPACE SCIENCE

FIRST YEAR COURSES

CODE	COURSE UNIT	SEMESTER
	COMMON COURSES	
CCS 001	Communication Skills	1
CCS 009	Elements of Economics	2
CCS 010	HIV/AIDS	2
	PHYSICS	
SPH 101	Mechanics I	1
SPH 102	Electricity and Magnetism I	2
SPH 103	Waves and Optics	2
	COMPUTING	
SPM 100	Computing laboratory I (R)	1
SPM 101	Computing laboratory II (R)	2
	ASTROPHYSICS	

SPA 101	Introduction to Astrophysics	1
SPA 102	Gravitation and the Solar System	1
	MATHEMATICS	
SMA 101	Basic Mathematics	1
SMA 103	Calculus I	1
SMA 104	Calculus II	2
SMA 140	Introduction to Probability and Statistics	2

BACHELOR OF SCIENCE (PHYSICS)

FIRST YEAR COURSES

CODE	COURSE UNIT	SEMESTER
	COMMON COURSES	
CCS 001	Communication Skills	1
CCS 009	Elements of Economics	2
CCS 010	HIV/AIDS	2
	PHYSICS	
SPH 101	Mechanics I	1
SPH 102	Electricity and Magnetism I	2
SPH 103	Waves and Optics	2
	MATHEMATICS	
SMA 101	Basic Mathematics	1
SMA 103	Calculus I	1
SMA 104	Calculus II	2
SMA 105	Geometry I	1
SMA 116	Geometry II	2
SMA 140	Introduction to Probability & Statistics	2

POSTGRADUATE PROGRAMMES

The goal of the postgraduate programme is to train high-level and competent research scholars in physics who are well prepared to addressing societal challenges of industrial and human resource development for the betterment of humanity and in many cases, future university faculty members with the relevant knowledge and refined skills in thematic areas of physics. The Department offers MSc and PhD programmes in the following specialization areas:

- i) Theoretical Physics
- ii) Condensed Matter Physics
- iii) Earth, Environment & Applied Geophysics
- iv) Electronics and Instrumentation
- v) Nuclear and Radiation Physics
- vi) Laser Physics and Spectroscopy
- vii) GIS and Remote Sensing
- viii) Astrophysics and Space Science.

CONTACTS

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